

IN THE DRAWINGS:

The attached sheet of drawings includes changes to Figures 1 and 2. This sheet, which includes Figures 1 and 2, replaces the original sheet including Figures 1 and 2

Attachment: Replacement Sheet

REMARKS

This is intended as a full and complete response to the Office Action dated June 24, 2008, having a shortened statutory period for response set to expire on September 24, 2008. Please reconsider the claims pending in the application for reasons discussed below.

Drawings

The Examiner objected to the drawings because Figures 1 and 2 should be designated by a legend such as "Prior Art." In response, Applicants have amended Figures 1 and 2 accordingly. Therefore, Applicant respectfully requests the objection of the drawings be removed.

Specification

The Examiner objected to the specification because reference to the claims on page 1 is improper since the claims are subject to change. Further, the Examiner indicated that appropriate section headings are required. In response, Applicant has amended the specification accordingly and added section headings. Therefore, Applicant respectfully requests the objection of the specification be removed.

Claim Rejections - 35 U.S.C. § 102 and § 103

The Examiner rejected claims 1 and 3 under 35 U.S.C. § 102(b) as being anticipated by Cappelen (NO Patent No. 63947). The Examiner rejected claim 4 under 35 U.S.C. § 103(a) as being obvious over Cappelen and Purcell (U.S. 4,964,397). The Examiner rejected claims 1, 2 and 4 under 35 U.S.C. § 103(a) as being obvious over Purcell. The Examiner rejected claim 3 under 35 U.S.C. § 103(a) as being obvious over Purcell and Cappelen. Applicant has cancelled claims 1-4, thereby obviating the rejection.

New Claims

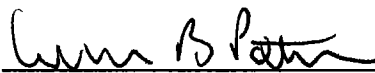
New claims 5-8 have been added to claim aspects of the present invention. Applicant submits that no new subject matter has been added. Claims 5-8 include the limitations of a plate that is folded to form a chamber when installed on the inner side of

a side or rear wall of an existing traditional stove and that the existing traditional stove is provided with at least one secondary air aperture providing communication between ambient air and the chamber near the bottom of the chamber. Applicant believes that Cappelen or Purcell or the combination of Cappelen and Purcell fails to teach or suggest all the limitations in claims 5-8. Cappelen merely discloses a furnace for firewood stoking, wherein the furnace includes a plate that is folded (see Cappelen, Figure 1) rather than a plate that is folded into a chamber as recited in new claims 5-8. Purcell merely discloses a fireplace structure having side walls positioned at an angle relative to each other, however, Purcell is silent regarding a plate that is folded into a chamber as recited in new claims 5-8. Moreover, Cappelen or Purcell fails to disclose a plate that has at least one second hole in communication with the upper zone of the stove's combustion chamber near the top of the chamber, whereby air drawn in through the at least one secondary air aperture is pre-heated while rising up behind the plate within the chamber, and is expelled through the at least one second hole into the upper zone of the stove's combustion chamber as recited in new claim 6 or the limitations recited in new claims 7-8. Therefore, Applicant believes that new claims 5-8 are in condition for allowance and respectfully requests the same.

Conclusion

Having addressed all issues set out in the office action, Applicant submits that the claims are in condition for allowance and request that the claims be allowed.

Respectfully submitted,



William B. Patterson
Registration No. 34,102
PATTERSON & SHERIDAN, L.L.P.
3040 Post Oak Blvd. Suite 1500
Houston, TX 77056
Telephone: (713) 623-4844
Facsimile: (713) 623-4846
Attorney for Applicant